

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	65	("20010043649" "20020150184" "20030002602" "20030016091" "20030063664" "20030070126" "20030084385" "20030093713" "20030108096" "20030159094" "3775688" "3992616" "4615038" "4709376" "4730343" "5191462" "5268930" "5402445" "5455844" "5490169" "5546424" "5659581" "5668830" "5675588" "5742798" "5778217" "5802105" "5875177" "6108801" "6122757" "6574758" "6885691").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/05 11:47
S2	4	((("5757297") or ("6839861"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/05 12:05
S3	2438	(Stojanovic.in. or Horowitz.in. or Zerbe.in. or Ho.in. or Wei.in. or Tsang.in. or Garlepp.in.) and (select\$4 same sampl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:51
S4	89	(Stojanovic.in. or Horowitz.in. or Zerbe.in. or Ho.in. or Wei.in. or Tsang.in. or Garlepp.in.) and (select\$4 same sampl\$4 same threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:51
S5	52	(Stojanovic.in. or Horowitz.in. or Zerbe.in. or Ho.in. or Wei.in. or Tsang.in. or Garlepp.in.) and (select\$4 same (sampl\$4 with threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 13:46
S6	24	(S1 and sampl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/05 12:07
S7	68	Kasturia.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:09
S8	11	Kasturia.in. and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:14
S9	265	(375/229-236.ccls.) and ((select\$4 or choos\$4) near3 sampl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:14

## EAST Search History

S10	123	(375/229-236.ccls.) and (((select\$4 or choos\$4) near3 sampl\$4) same (threshold or limit or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:15
S11	0	(375/218.ccls.) and (((select\$4 or choos\$4) near3 sampl\$4) same (threshold or limit or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:15
S12	0	(375/318.ccls.) and (((select\$4 or choos\$4) near3 sampl\$4) same (threshold or limit or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:15
S13	15	(375/330.ccls.) and (((select\$4 or choos\$4) near3 sampl\$4) same (threshold or limit or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:15
S14	137	S10 or S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:31
S15	2	("5191462").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/05 19:00
S16	1	(S15 and sampl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/05 12:21
S17	2	("5896391").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/05 12:47
S18	130	((compar\$4 near3 sampl\$4) near4 threshold) same ((select\$4 or choos\$4) near4 (sampl\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:49
S19	1	S17 and differential	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 13:46
S20	1	S15 and differential	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 13:55

## EAST Search History

S21	11	375/229-236.ccls. and (differential) and ((compar\$4 near3 (signal or data or sampl\$4) near4 (threshold or limit or value or level)) same ((select\$4 or choos\$4) near3 (sampl\$4 or data or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 13:59
S22	1556	(differential) and ((compar\$4 near3 (signal or data or sampl\$4) near4 (threshold or limit or value or level)) same ((select\$4 or choos\$4) near3 (sampl\$4 or data or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 14:00
S23	203	(differential) same ((compar\$4 near3 (signal or data or sampl\$4) near4 (threshold or limit or value or level)) same ((select\$4 or choos\$4) near3 (sampl\$4 or data or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 14:00
S24	94	(differential near2 (signal or dat)) same ((compar\$4 near3 (signal or data or sampl\$4) near4 (threshold or limit or value or level)) same ((select\$4 or choos\$4) near3 (sampl\$4 or data or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 14:00
S25	106	(differential near2 (signal or data)) same ((compar\$4 near3 (signal or data or sampl\$4) near4 (threshold or limit or value or level)) same ((select\$4 or choos\$4) near3 (sampl\$4 or data or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 14:57
S26	14	Haunstein.in. and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 15:09
S27	113	((compar\$4 near3 sampl\$4) near4 threshold) same ((select\$4 or choos\$4) near3 sampl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 15:12
S28	2	375/229-236.ccls. and ((compar\$4 near3 sampl\$4) near4 threshold) same ((select\$4 or choos\$4) near3 sampl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 15:10
S29	57	((compar\$4 near4 differential) near3 (threshold or limit or value or level)) same (common adj1 mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 15:38
S30	2	("5191462").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/05 19:00

## EAST Search History

S31	0	S30 and voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/05 19:00
S32	42	("4189733" "4291410" "4361891" "4549303" "4587661" "4587662" "4594303" "4608701" "4800390" "5081643" "5101501" "5107273" "5109390" "5119103" "5248982" "5260968" "5422908" "5425059" "6006113" "6252867" "6256340").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/06 13:19
S33	11	Schilling.in. and (delay\$4 same (spread adj1 spectrum)) and (despread\$4) and (control\$4 near4 delay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 13:08
S34	26	S32 and delay\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/06 14:20
S35	2	("5659572").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/06 13:22
S36	31	375/148.ccls. and (delay\$4 same combin\$4) and (despread\$4 same ((control\$4 or increas\$4 or decreas\$4 or increment or decrement\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:41
S37	36	375/148.ccls. and (delay\$4 same combin\$4) and ((despread\$4 or de-spread) same ((control\$4 or increas\$4 or decreas\$4 or increment or decrement\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 14:32
S38	3	375/136-137.ccls. and (delay\$4 same combin\$4) and (despread\$4 same ((control\$4 or increas\$4 or decreas\$4 or increment or decrement\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:42
S39	10	375/144.ccls. and (delay\$4 same combin\$4) and (despread\$4 same ((control\$4 or increas\$4 or decreas\$4 or increment or decrement\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:42
S40	17	375/147.ccls. and (delay\$4 same combin\$4) and (despread\$4 same ((control\$4 or increas\$4 or decreas\$4 or increment or decrement\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:42

## EAST Search History

S41	28	S38 or S39 or S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 14:31
S42	1	455/137.ccls. and (delay\$4 same combin\$4) and (despread\$4 same ((control\$4 or increas\$4 or decreas\$4 or increment or decrement\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 14:31
S43	1	455/137.ccls. and (delay\$4 same combin\$4) and ((despread\$4 or de-spread) same ((control\$4 or increas\$4 or decreas\$4 or increment or decrement\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:43
S44	123	(delay\$4 same combin\$4) and ((despread\$4 or de-spread) same ((control\$4 or increas\$4 or decreas\$4 or increment or decrement\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:05
S45	87	S44 not S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 14:32
S46	75	S45 not S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 14:33
S47	71	S46 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 14:33
S48	4704	(delay\$4 same combin\$4) same ((control\$4 or increas\$4 or decreas\$4 or increment or decrement\$4) near4 delay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:46
S49	381	S48 and ((spread\$4 adj1 spectrum) or despread\$4 or de-sprea\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:46
S50	381	S49 not "L23"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:14
S51	381	S49 not "L13"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:14

## EAST Search History

S52	329	S49 not S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:14
S53	37	375/148.ccls. and (delay\$4 same combin\$4) and (despread\$4 same ((adjust\$4 or chang\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:41
S54	3	375/136-137.ccls. and (delay\$4 same combin\$4) and (despread\$4 same ((adjust\$4 or chang\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:42
S55	16	375/147.ccls. and (delay\$4 same combin\$4) and (despread\$4 same ((adjust\$4 or chang\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:43
S56	3	375/144.ccls. and (delay\$4 same combin\$4) and (despread\$4 same ((adjust\$4 or chang\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:43
S57	0	455/137.ccls. and (delay\$4 same combin\$4) and ((despread\$4 or de-spread) same ((adjust\$4 or chang\$4) near4 delay\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 19:03
S58	48	S53 or S54 or S55 or S56 or S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:58
S59	2865	(delay\$4 same combin\$4) same ((adjust\$4 or chang\$4) near4 delay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:46
S60	316	S59 and ((spread\$4 adj1 spectrum) or despread\$4 or de-sprea\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:46
S61	256	S60 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 15:47
S62	375	(antenna same delay\$4 same (combin\$4 near4 signals)) and (intermediate adj1 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 16:20
S63	140	(antenna same delay\$4 same (combin\$4 near4 signals)) and (intermediate adj1 frequency) and ((adjust\$4 or control\$4) near3 delay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 16:41

## EAST Search History

S64	75	(delay\$4 same (multipath or multi-path or (different near2 path)) same antenna) same ((control\$4 or adjust) near4 delay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 16:48
S65	402	(delay\$4 same (multipath or multi-path or (different near2 path)) same antenna) and ((control\$4 or adjust) near4 delay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 17:07
S66	135	S65 and (intermediate adj1 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 16:49
S67	441	(delay\$4 same (multipath or multi-path or (different near2 path)) same antenna) and ("IF" or (intermediate adj1 frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 17:12
S68	0	(delay\$4 same (multipath or multi-path or (different near2 path)) same phase same antenna) and ("IF" or (intermediate adj1 frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 17:12
S69	176	(delay\$4 same (multipath or multi-path or (different near2 path)) same phase same antenna) and ("IF" or (intermediate adj1 frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 17:22
S70	48	(delay\$4 same (multipath or multi-path or (different near2 path)) same phase same antenna) and (downconvert\$4 or downconversion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 17:26
S71	106	(delay\$4 same (multipath or multi-path or (different near2 path)) same phase same antenna) and (downconvert\$4 or downconversion or down-convert\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 17:28
S72	166	(delay\$4 same (multipath or multi-path or (different near2 path))) and ((downconvert\$4 or downconversion or down-convert\$4) same ("I" and "Q"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 17:33
S73	167	(delay\$4 same (multipath or multi-path or (different near2 path))) and ((downconvert\$4 or downconversion or down-convert\$4) same (quadrature))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 17:36
S75	388	S74 and ((control\$4 or adjust\$4) near3 delay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 17:37

## EAST Search History

S76	7	455/73.ccls. and (delay\$4 same combin\$4) and ((control\$4 or increas\$4 or decreas\$4 or increment\$4 or decrement\$4 or adjust\$4 or chang\$4) near4 delay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 19:05
S77	21	455/506.ccls. and (delay\$4 same combin\$4) and ((control\$4 or increas\$4 or decreas\$4 or increment\$4 or decrement\$4 or adjust\$4 or chang\$4) near4 delay\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/06 19:04
S78	3764	((averag\$4 or integrat\$4) near3 voltage) with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/09 13:01
S79	4092	((averag\$4 or integrat\$4) near3 voltage) with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 13:00
S80	484	S79 and (sampl\$4 with (threshold or limit or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 13:01
S81	533	S79 and (sampl\$4 with (threshold or limit or value or level))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 13:03
S82	1946	((((averag\$4 or integrat\$4) near3 voltage) with (threshold or limit or value or level)) same ((generat\$4 or creat\$4) near4 (threshold or limit or value or level))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 13:02
S83	1672	S82 and ((sampl\$4 or signal or bit) with (threshold or limit or value or level))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 13:03
S84	502	S83 and ((select\$4 or choos\$4) near4 (sampl\$4 or signal or bit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 14:04
S85	17	((compar\$4 near3 (sampl\$4 or bits or data or signal or symbols)) near3 (threshold or limit or value or level)) same ((select\$4 or choos\$4) near3 (significant adj1 bit)) and ((select\$4 or choos\$4) near3 (sample or bits or signal or symbols))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 14:07



## EAST Search History

S86	17	((compar\$4 near3 (sampl\$4 or bits or data or signal or symbols)) near3 (threshold or limit or value or level)) same ((select\$4 or choos\$4) near3 (significant adj1 bit))) and ((select\$4 or choos\$4) near3 (sample or bits or signal or symbols))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 14:10
S87	81	((compar\$4 with (sampl\$4 or bits or data or signal or symbols)) with (threshold or limit or value or level)) same ((select\$4 or choos\$4) near3 (significant adj1 bit))) and ((select\$4 or choos\$4) near3 (sample or bits or signal or symbols))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 14:10
S88	64	S87 not S86	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 15:34
S89	1015	(select\$4 near3 mode near3 receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 15:35
S90	59	375/316-352.ccls. and (select\$4 near3 mode near3 receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 15:39
S91	19	375/316-352.ccls. and ((multi-mode or multimode) adj1 receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 15:39
S92	29	(generat\$4 near4 (equaliz\$4 adj1 signal)) with driver	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/09 18:55
S93	29	S92 and equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/09 19:15
S94	62	(equaliz\$4 adj1 signal) near3 (interference)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/09 19:16
S95	48	(equaliz\$4 adj1 signal) near3 (driver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 19:16

## EAST Search History

S96	35	S95 not S92	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 19:34
S97	60	(equaliz\$4 near2 signal) same (prior near2 transmission)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 19:38
S98	0	(equaliz\$4 near2 signal) same (prior near2 (transmission adj1 signals))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 19:38
S99	29	(equaliz\$4 near2 signal) same (prior near2 (received adj1 signals))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 20:12
S100	2	("5448200").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/09 20:12
S101	0	S100 and (common adj1 node)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/09 20:13
S102	1	S100 and (common adj1 mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/09 20:30
S103	11	differential same (common adj1 mode) same (steady adj1 state) same threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 20:31
S104	674	differential same (common adj1 mode) same threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 20:31
S105	2	differential same (common adj1 mode) same (center\$4 near3 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/09 20:32